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PTO/SB/05 (03-01)

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**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

| | | | |
|--|-------------------|-------------|-----|
| Attorney Docket No. | 302087-999008 | Total Pages | 232 |
| First Named Inventor or Application Identifier | | | |
| Hekimi et al. | | | |
| Express Mail Label No. | EV 335 859 699 US | | |

APPLICATION ELEMENTS
See MPEP chapters 600 concerning utility patent application contents.

Address to:

Commissioner for Patents
P.O. Box 1450
Mail Stop PATENT APPLICATION
Alexandria, VA 22313-1450

1. ☒ Fee Transmittal Form [Total Pages 2]
(Submit an original, and a duplicate for fee processing)
2. ☒ Applicant claims Small Entity status, see 37 C.F.R. § 1.27
3. ☒ Specification [Total Pages 130, including 1-page abstract]
(preferred arrangement set forth below, MPEP 1503.01)
- Descriptive title of the Invention
 - Cross Reference to Related Applications
 - Statement Regarding Fed sponsored R&D
 - Reference to Microfiche Appendix
 - Background of the Invention
 - Brief Summary of the Invention
 - Brief Description of the Drawings (if filed)
 - Detailed Description of the Invention (including drawings, if filed)
 - Claim(s)
 - Abstract of the Disclosure
4. ☒ Formal Drawing(s) (35 USC 113) [Total Sheets 29 (11 Figures)]
5. ☒ Declaration (unexecuted) [Total Sheets 2]
- a. ☐ Newly executed (original or copy)
- b. ☐ Copy from a prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 18 completed)
- i. ☐ DELETION OF INVENTOR(S)
Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6. ☐ Application Data Sheet. See 37 CFR 1.76

7. ☐ CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. ☒ Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)
- a. ☒ Computer Readable Form (CRF)
- b. ☒ Specification Sequence Listing on:
- i. ☐ CD-ROM or CD-R (2 copies); or
 - ii. ☒ paper [Total pages 68]
- c. ☒ Statement verifying identity of above copies [Total pages 1]

ACCOMPANYING APPLICATION PARTS

9. ☐ Assignment Papers (cover sheet & document(s))
10. ☐ 37 CFR 3.73(b) Statement (when there is an assignee) ☐ Power of Attorney
11. ☐ English Translation Document (if applicable)
12. ☐ Information Disclosure Statement (IDS)/PTO-1449 ☐ Copies of IDS Citations
13. ☐ Preliminary Amendment
14. ☒ Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)
15. ☐ Certified Copy of Priority Document(s)
(if foreign priority is claimed)
16. ☐ Nonpublication Request under 35 U.S.C. 122 (b)(2)(i). Applicant must attach form PTO/SB/35 or it's equivalent
17. ☐ Other:

18. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

☐ Continuation ☐ Divisional ☐ Continuation-in-part (CIP) of prior application No.: filed

Prior application information: Examiner: Group Art Unit:

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

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Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

NYJD: 1513503.1

JONES DAY
 COUNSELORS AT LAW
 222 East 41st Street
 New York, New York 10017

ATTORNEY DOCKET NO. 302087-999008

Date: March 12, 2004

Commissioner for Patents
 P.O. Box 1450
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 Alexandria, VA 22313-1450

Sir:

The following utility patent application is enclosed for filing:

Applicant(s): Hekimi et al. Executed on: To be executed.
 Title of Invention: SCREENING ASSAYS FOR TARGETS AND DRUGS USEFUL IN
 TREATMENT AND PREVENTION OF LIPID METABOLISM DISORDERS

PATENT APPLICATION FEE VALUE

| TYPE | NO. FILED | LESS | EXTRA | EXTRA RATE | FEE |
|---|-----------|------|-------|--------------|---------|
| Total Claims | 48 | - 20 | 28 | \$18.00 each | \$ 504 |
| Independent | 14 | - 3 | 11 | \$86.00 each | \$ 946 |
| Minimum Fee | | | | | \$ 770 |
| Multiple Dependency Fee | | | | | \$ 290 |
| If Applicable (\$290.00) | | | | | |
| Total | | | | | \$ 2510 |
| Applicant qualifies for the 50% Reduction for Independent Inventor, Nonprofit Organization or Small Business Concern | | | | | \$ 1255 |
| Total Filing Fee | | | | | \$ 1255 |

☐ **DO NOT PUBLISH.** I hereby certify that the invention disclosed in the attached application has not and will not be the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing. I hereby request that the attached application not be published under 35 U.S.C. 122(b).

☒ Priority of application no. 60/454,925 filed on March 14, 2003 is claimed under 35 U.S.C. § 119.

☐ The certified copy of the priority application has been filed in application no. filed on .

Please charge the required fee to Jones Day Deposit Account 503013. A copy of this sheet is enclosed.

Respectfully submitted, *by: [Signature]* 40,258

Laura A. Coruzzi
 Laura A. Coruzzi

30,742
 Reg No.

JONES DAY
 222 East 41st Street
 New York, New York 10017
 (212) 326-3939

Enclosure